Tenda 4G06

Tenda 4G06 Wi-Fi 4G VoLTE Router User Manual

MODEL: 4G06

1. Introduction

The Tenda 4G06 is a wireless gateway designed to provide high-speed internet access via LTE cellular networks and Wi-Fi. It integrates both cellular and Ethernet uplink access, offering flexible data and voice services. This device is suitable for various environments, including remote areas, temporary setups, and homes or offices where traditional wired broadband is unavailable or inconvenient. It supports Wi-Fi 4 (IEEE 802.11b/g/n) and includes an RJ11 port for voice services.

Image 1.1: Front view of the Tenda 4G06 Wi-Fi 4G VoLTE Router.

2. Product Features

- **4G LTE Connectivity:** Provides internet access via a Mini SIM card, ideal for locations without wired broadband.

- **High-Speed Wi-Fi:** Supports Wi-Fi 4 (802.11b/g/n) with speeds up to 300Mbps, allowing up to 32 devices to connect simultaneously.

- **VoLTE Voice Service:** Features an RJ11 port to connect external landline phones for voice calls over the LTE network.

- **Ethernet Ports:** Includes Fast Ethernet ports (up to 100Mbps) for wired network connections.

- **Detachable Antennas:** Equipped with two external detachable antennas for improved signal reception.

- **Data Traffic Monitoring:** Allows setting a maximum monthly data traffic limit via the web interface to manage usage.

- **Easy Setup:** Simple installation by inserting a SIM card and powering on the device.

3. Package Contents

Verify that your package contains the following items:

- Tenda 4G06 Wi-Fi 4G VoLTE Router

- Power Adapter

- Ethernet Cable

- RJ11 Phone Cable

- Quick Installation Guide

Video 3.1: This video provides an overview of the Tenda 4G06 LTE Voice Router and its included components.

4. Hardware Overview

4.1 Front Panel Indicators

Image 4.1: Front view of the Tenda 4G06 showing LED indicators.

- **Power Indicator:** Indicates the power status of the device.

- **4G Signal Indicator:** Displays the strength of the 4G cellular signal.

- **Wi-Fi Indicator:** Shows the status of the Wi-Fi network.

- **Ethernet Port Indicator:** Lights up when an Ethernet device is connected.

4.2 Rear Panel Ports and Buttons

High Quality Voice service

Tenda 4G06 supports external landline phones via VoLTE (Voice over LTE) Simply connect the landline phone to the phone port of the router and then you can make calls at home and surf the Internet at the same time.

- **Power Button:** Used to turn the device on or off.

- **Power Port:** Connects to the included power adapter.

- **RJ11/TEL Port:** Connects to a landline phone for voice calls.

- **Fast Ethernet Ports:** Connect to wired devices such as computers or switches.

- **SIM Card Slot:** Insert your Mini SIM card here.

- **Detachable Antennas:** Connect the two external antennas for optimal signal reception.

5. Setup Guide

Follow these steps for initial setup of your Tenda 4G06 router:

1. **Insert SIM Card:** Locate the SIM card slot on the rear panel. Carefully insert your activated Mini SIM card into the slot until it clicks into place. Ensure the SIM card is correctly oriented.

2. **Attach Antennas:** Screw the two detachable antennas onto the connectors on the rear of the router. Adjust their position for optimal signal reception.

3. **Connect Power:** Connect the power adapter to the router's power port and then plug the adapter into a power outlet. Press the power button to turn on the device.

4. **Check Indicators:** Wait for the Power, 4G Signal, and Wi-Fi indicators on the front panel to stabilize. The 4G Signal indicator will show the strength of your cellular connection.

5. **Connect Devices:**

   - **Wi-Fi:** On your computer or mobile device, search for the Wi-Fi network name (SSID) printed on the label at the bottom of the router. Connect to this network using the default Wi-Fi password (also on the label).

   - **Ethernet:** Connect an Ethernet cable from one of the router's LAN ports to your computer's Ethernet port.

6. **Access Web Interface:** Open a web browser and enter the default IP address (e.g.,192.168.0.1) into the address bar. Log in using the default username and password (usually admin for both, check the router label).

6. Operating Instructions

6.1 Basic Internet Configuration

After logging into the web interface, the router should automatically detect your SIM card's network settings. If not, navigate to the **Internet Settings** or **WAN Settings** section to manually configure the APN (Access Point Name) provided by your cellular service provider.

6.2 Wi-Fi Settings

In the web interface, go to the **Wi-Fi Settings** or **Wireless Settings** section. Here you can:

- Change the Wi-Fi network name (SSID).

- Change the Wi-Fi password for security.

- Enable or disable Wi-Fi.

- Adjust Wi-Fi channel and mode for better performance.

6.3 Voice Service (VoLTE)

To use the voice service, connect a standard landline phone to the RJ11/TEL port on the rear of the router using the provided phone cable. Ensure your SIM card plan supports VoLTE. You can then make and receive calls through the connected phone while simultaneously using the internet.

6.4 Data Traffic Monitoring

The Tenda 4G06 allows you to monitor and manage your data usage. In the web interface, look for a **Data Usage** or **Traffic Statistics** section. You can set a monthly data limit, and the router will automatically disconnect from the network once this limit is reached, helping you avoid unexpected charges.

7. Maintenance

To ensure optimal performance and longevity of your Tenda 4G06 router, consider the following maintenance tips:

- **Placement:** Place the router in a central location, away from obstructions and other electronic devices that may cause interference. Ensure good ventilation.
- **Cleaning:** Regularly clean the router's exterior with a soft, dry cloth. Avoid using liquid cleaners or aerosols.
- **Firmware Updates:** Periodically check the Tenda official website for firmware updates. Updating the firmware can improve performance, add new features, and fix bugs. Follow the instructions provided with the firmware update carefully.
- **Restarting:** If you experience slow performance or connectivity issues, try restarting the router by unplugging the power adapter for 10 seconds and then plugging it back in.

8. Troubleshooting

If you encounter issues with your Tenda 4G06 router, refer to the following common problems and solutions:

Problem	Possible Solution
No Internet access	- Ensure the SIM card is correctly inserted and activated. - Check the 4G Signal indicator; if it's off or red, there might be no signal or an issue with the SIM. - Verify APN settings in the web interface are correct for your service provider. - Restart the router.
Weak Wi-Fi signal	- Adjust the position of the external antennas. - Relocate the router to a more central position, away from obstacles and interference sources. - Ensure no large metal objects are near the router.
Cannot access web interface	- Ensure your device is connected to the router via Wi-Fi or Ethernet. - Verify you are using the correct IP address (e.g.,192.168.0.1). - Clear your browser's cache or try a different browser. - Restart the router.

Problem	Possible Solution
Voice calls not working	- Ensure the phone is correctly connected to the RJ11/TEL port. - Verify your SIM card plan supports VoLTE. - Check the router's voice settings in the web interface.

9. Specifications

Feature	Detail
Model	4G06
Wireless Type	802.11b/g/n (Wi-Fi 4)
Wireless Speed	Up to 300 Mbps
Cellular Network	4G LTE
SIM Card Type	Mini SIM
Ethernet Ports	Fast Ethernet (10/100 Mbps)
Voice Port	RJ11/TEL
Antennas	2 x Detachable External Antennas
Dimensions (LxWxH)	7.3 x 5 x 2.4 inches
Item Weight	12.3 ounces
Operating System	TendaOS
Voltage	12 Volts

10. Warranty and Support

The Tenda 4G06 router comes with a **3-year product warranty**. For technical assistance, product inquiries, or warranty claims, please contact Tenda Customer Support.

Customer Support Contact:

- **Phone:** +44 0800 041 8955
- **Email:** support.uk@tenda.cn

Please have your product model and purchase information ready when contacting support.